**Index of Claims** 

Applicant(s)/Patent under Reexamination

10/604,961

STEINBERG, MEYER Art Unit

Examiner

Mark Ruthkosky

1745

Rejected Allowed

| (Through numeral)<br>Cancelled |
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Restricted

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| The color of the | Cla           | aim | m Date   |  |  |              |          |                 | Claim Date |              |      |          |          |         |           |          | 1 [                 | Claim Date |     |     |     |               |              |               |          |                         |           |          |  |
|--|---------------|-----|--|--|--|--------------|----------|-----------------|------------|--------------|------|----------|----------|---------|-----------|----------|---------------------|------------|-----|-----|-----|---------------|--------------|---------------|----------|-------------------------|-----------|----------|--|
| 1  | - <del></del> | T   |  |  |  |              |          |                 |            |              |      |          |          |         |           | 1        |                     |            | 1   | Т   | ΤÌ  |               |              | $\neg$        |          | _                       |           |          |  |
| 1  | <del>-</del>  | ina | 5  |  |  |              |          |                 | - 1        | <del>-</del> | la l |          |          |         |           |          |                     |            |     | ਬ   | ina | - }           |              |               |          |                         |           |          | l  |
| 1  | ᆙ             | rig | n.   |  | 1  |              |          |                 | - 1        | 듄            | ig   |          |          |         |           |          |                     |            |     | Fin | rig |               |              |               |          |                         | ĺ         |          | l  |
| Second   S |               | 0   |  |  |  |              |          |                 | -          |              | 0    |          |          |         |           |          |                     |            | Н   |     |     |               |              |               |          |                         |           |          |  |
| S  |               |     | V  |  |  |              |          |                 |            |              |      |          |          |         |           |          |                     |            | ] [ |     | 101 |               |              |               |          |                         |           |          |  |
| Section   Sect |               | 2   | li   |  |  |              |          |                 |            |              |      |          |          |         |           |          |                     |            | ] [ |     |     |               |              |               |          |                         |           |          |  |
| 5  |               |     | $\coprod$  |  |  |              |          |                 |            |              | 53   |          |          |         |           |          |                     |            |     |     |     |               |              |               |          |                         |           |          |  |
| 6     106       7     107       8     108       9     109       10     60       11     61       12     62       13     63       14     64       15     65       16     66       17     67       18     68       19     69       20     70       21     71       22     72       23     73       24     74       25     75       26     76       77     122       23     73       24     74       25     75       26     76       77     122       23     73       24     74       25     75       26     76       77     127       28     78       79     122       29   |               |     |  |  | L  |              |          |                 | $\perp$    | <b>』</b> ∟   | 54   | Ш        |          |         |           |          |                     |            | 1 1 |     | 104 |               |              |               |          |                         |           |          | _  |
| 7     1     107     108     109  | <u> </u>      |     | Щ  | $\sqcup$   | 1  | $oxed{oxed}$ |          |                 |            | ↓ <u> </u>   |      | Ш        |          | $\perp$ | _         |          |                     |            | 1 1 |     |     | _             | _            |               | Ш        | Ш                       | _         | _        | <u> </u>   |
| 8   1     58   59   108   109   110   111                                    | ļ             |     | 11   | $\perp$  | ┡  | ╄            |          | Ш               |            | ┨            |      | Ш        |          |         | 4         |          |                     |            | 1 1 |     | 106 | _             | _            | L             | _        | $\Box$                  | _         | _        | $\vdash$   |
| 109  | -             |     | 4  |  | <b>↓</b> _                                       | -            | Н        | Н               |            | ┨ ├─         | 57   | Н        | _        |         | 1         |          | $\dashv$            |            | 1 } |     |     | _             | ╁            | ├             |          | -                       |           | _        | <u> </u>   |
| 10   | -             |     | 1  | <del>                                     </del> | ╀  | ┼            |          |                 |            | ┨ ├          |      | $\vdash$ |          |         | -         | -        | -                   |            | 1 } |     |     |               |              | -             | _        | $\vdash$                | $\dashv$  |          | <b>—</b>   |
| 11     12     62     111     112     112     113     113     113     113     113     113     113     113     113     114     115     115     115     115     115     115     115     115     115     115     115     116     117     116     117     116     117     118     116     117     118     118     118     118     118     118     118     118     118     119     120     120     120     120     121     121     77     120     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     123     123     124     124     124     124     124     125     125     125     125     125     125     125     125     125     125     125     125     125     125     125     125     125     125  | -             |     | <b>├</b> ✓                                       |  | ╀╌   | ╀            | Н        | -               |            | ┨ ├──        |      | Н        |          | -       |           | -        | -                   |            | ┨   |     |     |               | -            | -             | -        |                         | -         |          | -  |
| 12     62     112     113       13     64     1113     114       15     65     66     1116     115       16     67     116     115     116     116       17     68     68     118     119     119     119     119     119     120     120     121     121     121     121     122     122     122     122     122     122     122     122     123     124     125     126     126     127     127     127     127     127     127     127     127     127<   |               |     |  | $\vdash$   | $\vdash$   | ┿            | Н        | $\vdash$        |            | ┨ ├──        |      | Н        | _        | +       | +-        | -        | $\dashv$            | - -        | ┨   |     |     |               | +            | ┢             |          |                         | $\dashv$  | $\dashv$ | $\vdash$   |
| 13   | -             |     | <del> </del>                                     | $\vdash \vdash$                                  | $\vdash$   | +            | $\vdash$ | $\vdash \vdash$ | $\dashv$   | ┨┝           |      | Н        | +        | +       | +         | $\vdash$ | $\vdash \vdash$     | +          | 1 } |     |     | $\dashv$      | +-           | ⊢             | $\vdash$ | $\vdash \vdash$         | $\dashv$  | $\dashv$ | $\vdash$   |
| 14     64     114     115       16     65     116     115       17     66     116     117       18     67     118     117       19     68     119     120       20     70     120     121       21     71     121     121       22     73     123     123       24     74     124     124       25     75     125     26       26     76     126     127       28     78     128     129       29     79     129     30       30     80     130     31       31     81     131     32       32     82     132     33       33     84     84     134     33       34     84     134     33     34       33     85     135     35     36       36     37     38  |               |     | $\vdash$   | - -  | $\vdash$   | +-           |          | -               |            | ┨ ├──        |      | $\vdash$ | $\dashv$ | - -     | -         |          | $\vdash$            | +-         | 1 } | _   |     |               | +            | <del> </del>  | -        |                         | -1        | -        | _  |
| 15   |               |     |  | $\vdash$   | $\vdash$   | +            | $\vdash$ | $\vdash$        | -          | 1 —          |      | Н        | $\dashv$ | +       | +         | H        | $\vdash$            | +          | 1 } |     | 114 |               | +            | $\vdash$      |          | $\vdash \vdash$         | $\dashv$  | $\dashv$ | г  |
| 16   | -             |     |  |  | $\vdash$   | +            | Н        | $\vdash$        | +          | 1            |      | Н        | _        | +       | +         | $\vdash$ | $\vdash$            | +          | 1 } |     | 115 |               | +-           | +-            |          | $\vdash \vdash$         | $\dashv$  | -        | $\overline{}$                                    |
| 17   |               |     |  | - -  | $\vdash$   | +-           | $\vdash$ | $\vdash$        |            | 1            |      | $\vdash$ | +        | +       | +         |          | $\vdash$            | $\dashv$   | 1 } |     |     |               | +            | $\vdash$      |          | $\vdash$                | $\dashv$  | $\dashv$ | _  |
| 18   68   118     19   68   119     20   70   120     21   71   121     22   72   122     23   73   123     24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   133     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   138   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   96   146     47 <t< td=""><td></td><td></td><td></td><td></td><td>t</td><td>+</td><td></td><td></td><td></td><td>1 -</td><td></td><td>-</td><td></td><td></td><td>+</td><td></td><td></td><td></td><td>1 1</td><td></td><td></td><td></td><td>+</td><td>一</td><td>-</td><td></td><td>_</td><td>-</td><td><del>                                     </del></td></t<>  |               |     |  |  | t  | +            |          |                 |            | 1 -          |      | -        |          |         | +         |          |                     |            | 1 1 |     |     |               | +            | 一             | -        |                         | _         | -        | <del>                                     </del> |
| 19   |               |     | H  |  | 1  | t            |          |                 | _          | 1            |      | $\vdash$ |          | _       | +         |          |                     | $\dashv$   | 1 1 |     | 118 | $\vdash$      | +            | 一             |          |                         | $\dashv$  |          | _  |
| 120  |               |     | $\vdash$   | <del> </del>                                     | T  | +            | П        |                 | $\neg$     | 1            |      |          | $\vdash$ | $\pm$   | $\dagger$ |          | H                   | $\top$     | 1 1 |     |     |               | +            | H             |          |                         | $\dashv$  | $\dashv$ | Г  |
| 21   22   72   121   122   123   123   123   123   123   123   123   124   124   123   124   124   124   125   126   125   126   126   127   127   127   127   127   127   127   127   128   128   129   129   130   130   130   130   130   131   131   131   131   131   131   131   132   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   134   134   134   135   136   136   137   137   136   137   137   138   138   138   138   138   138   138   139   140   141   141   141   141   141   141   141   141   142   143   144   144   144   144   145   145   146<  |               |     | Г  |  |  | T            |          | $\vdash$        |            | 1            |      | М        | _        | $\neg$  | +         |          | $\Box$              |            | 1 1 |     |     |               | +-           | _             |          |                         |           |          |  |
| 22     3     122     123     124     124     124     124     124     124     124     124     125     126     125     126     125     126     127     126     127     128     127     128     129     128     129     129     130     130     130     131     131     131     131     132     132     132     132     132     133     133     133     133     133     133     133     133     133     133     133     134     134     135     136     136     137     137     137     137     137     138     138     138     139     140     140     140     141     141     141     141     141     141     141     142     142     143     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     145     146     146   |               |     |  |  | T  | $\vdash$     | П        |                 |            | 1            |      |          |          | _       | $\top$    | $\vdash$ | П                   |            | it  |     |     | -             | 1            | 1             |          |                         |           |          |  |
| 23   123   124   124   124   125   126   125   126   126   126   126   127   127   127   127   127   128   128   128   128   128   128   128   129   129   130   130   131   131   131   131   131   131   131   132   133   133   133   133   134   134   134   134   134   134   135   135   136   135   136   136   137   137   138   138   138   138   138   138   139   140   141   141   141   141   141   142   142   142   142   143   144   144   144   144   144   144   144   144   144   144   146   147   148   149   14  |               |     | Г  |  | 1  | T            | П        | П               |            | 1            |      |          |          | $\top$  |           |          | П                   |            | 1   |     |     |               | 1            | T             |          |                         | $\exists$ | $\neg$   |  |
| 25     75     125     126     126     126     127     126     127     127     128     128     128     129     129     129     129     130     130     130     130     130     131     131     131     132     133     133     133     133     133     133     133     133     133     133     133     133     134     134     134     134     134     134     134     135     135     136     137     135     136     137     137     138     138     138     138     138     139     140     140     141     141     142     142     142     142     142     143     144     144     144     144     145     146     147     146     147     146     147     148     148     148     148     149     149     149     149     149     149     149     149     149     149     149     149     149  |               | 23  |  |  |  |              | П        |                 |            | 1            |      |          |          |         | 1         | T.       |                     | _          | 1   |     | 123 |               | $\top$       | $\vdash$      |          |                         |           |          | Γ  |
| 26   76   126     27   128   127     28   78   128     79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   88     39   89   139     40   90   140     41   91   141     42   92   142     43   93   144     44   94   144     45   96   146     47   98   148     48   99   149   |               | 24  | Г  |  |  |              |          |                 |            | 1            |      | П        |          | T       | Ì         |          | П                   |            | 1 1 |     |     |               |              |               |          |                         |           |          | Г  |
| 27     28     77     128     128     128     129     129     129     130     130     130     130     130     131     131     131     131     131     131     131     132     132     132     133     133     133     133     133     133     133     133     133     134     134     134     134     134     135     136     135     136     136     137     137     137     137     138     138     138     138     139     140     140     141     141     142     142     142     142     142     142     142     142     142     143     144     144     144     144     144     144     145     146     147     147     147     147     147     148     148     149     149     149     149     149     149     149     149     149     149     149     149     149     149     149     149   |               | 25  |  |  |  |              |          |                 |            |              | 75   | П        |          |         |           |          |                     |            | 1   |     | 125 |               | $\top$       |               |          |                         | T         |          | Π  |
| 28     78     128       29     80     129       30     81     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     90     140       41     91     141       42     92     142       43     93     143       44     94     144       45     96     145       46     96     146       47     97     147       48     98     149  |               |     |  |  |  |              |          |                 |            | ] [          |      |          |          |         |           |          |                     |            | ] [ |     | 126 |               |              |               |          |                         |           |          |  |
| 29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     90     140       41     91     141       42     92     142       43     93     143       44     94     144       45     96     146       47     97     147       48     98     148       49     99     149  |               |     | _  |  |  |              |          |                 |            |              |      |          |          |         |           |          |                     |            |     |     |     |               |              |               |          |                         |           |          |  |
| 80   | ļ             | 28  | L  |  | L  |              | $\sqcup$ |                 |            |              | 78   |          |          |         |           |          |                     |            | ] [ |     | 128 |               |              |               |          |                         |           |          |  |
| 31 81   32 131   33 83   34 84   35 86   37 87   38 88   39 89   40 90   41 91   42 92   43 94   44 94   45 96   46 96   47 97   48 99   49 99   |               |     |  | <u> </u>   | <u> </u>   | _            | Ш        |                 |            | ┚┕           |      | Ш        |          |         |           |          | Ц                   |            | ] [ |     | 129 |               |              |               |          | Ш                       |           |          |  |
| 32 82   33 133   34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 99   49 149  | -             |     | _  |  | L  | _            |          |                 |            | ↓            |      | Ш        |          | _       |           |          |                     |            | 1 1 |     |     |               | _            | <u> </u>      |          |                         |           | _        | <u> </u>   |
| 33   34   35   36   35   36   37   38   39   38   39 <td< td=""><td></td><td></td><td></td><td><math>oxed{oxed}</math></td><td><u> </u></td><td><u> </u></td><td><math>\sqcup</math></td><td></td><td> _</td><td><b>∤</b></td><td></td><td>Ш</td><td>_</td><td></td><td></td><td></td><td>Ш</td><td></td><td>1 1</td><td></td><td>131</td><td></td><td>丄</td><td>_</td><td></td><td></td><td>_</td><td>_</td><td><u> </u></td></td<>  |               |     |  | $oxed{oxed}$                                     | <u> </u>   | <u> </u>     | $\sqcup$ |                 | _          | <b>∤</b>     |      | Ш        | _        |         |           |          | Ш                   |            | 1 1 |     | 131 |               | 丄            | _             |          |                         | _         | _        | <u> </u>   |
| 34 35   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 96   47 97   48 98   49 99   134 135   136 137   137 137   138 139   139 140   141 141   92 142   143 143   144 144   145 146   147 148   149 149   |               |     | ļ  |  | ╙  | ↓_           | 1_       |                 |            | <b>↓</b>     |      | Ш        |          | $\bot$  | 4         |          | Щ                   |            | 1 1 |     |     |               | _            |               |          | Ш                       |           |          | <u> </u>   |
| 35 85   36 136   37 87   38 88   39 90   41 91   42 92   43 93   44 94   45 96   47 97   48 99   49 99   135   136   137   138   139   140   141   92   142   143   144   145   146   147   148   149  |               |     | Ь_   |  | ╀  | ╀            |          | $\sqcup$        |            | l            |      | Ш        | _        | $\bot$  | 4         | Ш        | $\sqcup$            |            |     |     | 133 |               | $\perp$      | $\vdash$      |          | $\square$               | _         | _        | <u>—</u>   |
| 36   37   86   136   137     38   88   138   138     39   90   140   140     41   91   141   141     42   92   142   143     43   93   143   144     44   94   144   144     45   95   145   146     46   96   146   147     48   98   148   148     49   99   149   149   | <u> </u>      | 34  | -  | $\vdash\vdash$                                   | +  | $\vdash$     | Н        | $\sqcup$        | - -        |              |      | $\vdash$ | $\dashv$ | +       | +         | H        | $\vdash \vdash$     |            | 1 } |     | 134 |               | +-           | -             | _        | $\mid \rightarrow \mid$ | $\dashv$  |          | -  |
| 37   87   137     38   99   138     40   90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148     99   149   | -             |     | <del> </del>                                     | $\vdash \vdash$                                  | ╀  | ₩            | Н        |                 | +          | ┨            |      | $\vdash$ | +        | +       | +         | H        | $\vdash \downarrow$ |            | 1   |     |     |               | +            | ├             | <u> </u> | $\vdash \vdash$         | $\dashv$  | $\dashv$ | <del></del>                                      |
| 38   39     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99  | -             |     | $\vdash$   | $\vdash\vdash$                                   | ╁  | ┼            | $\vdash$ |                 |            | ┨            |      | Н        | -        | +       | +         | $\vdash$ | $\vdash \vdash$     | _          |     |     | 136 | $ \vdash$     | +            | ├-            |          | $\vdash$                |           | _        | <u> </u>   |
| 39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  | -             |     | -  | <del>                                     </del> | $\vdash$   | ┼─           | $\vdash$ |                 | $\dashv$   | ┨            | 00   | $\vdash$ | +        | +       | +-        | $\vdash$ | $\vdash \vdash$     | _          | 1 } |     | 13/ | $\dashv$      | +            | $\vdash$      | $\vdash$ | $\vdash \vdash$         | $\dashv$  | 4        | -  |
| 40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  | -             |     | $\vdash$   |  | ┼  | +            | $\vdash$ | $\dashv$        |            | ┨            |      | $\vdash$ | -        | +       | +         | $\vdash$ | $\vdash \vdash$     |            | 1 } | -   |     |               | +            | ├-            | -        | $\vdash \vdash$         | $\dashv$  | -        |  |
| 41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | -             | 40  | $\vdash$   |  | $\vdash$   | ┿            | $\vdash$ | $\dashv$        | +          | +            | 00   | $\vdash$ | +        | +       | ╁         | $\vdash$ | -                   | +          | 1 } | -   | 140 | $\dashv$      | +            | $\vdash$      | $\vdash$ | $\vdash \vdash$         | $\dashv$  | $\dashv$ | $\vdash$   |
| 42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | -             | 41  | $\vdash$   |  | $\vdash$   | +            | Н        | $\vdash$        | -          | ┨ ├──        |      | $\vdash$ | +        | +       | +         |          | $\vdash$            | +          | 1   |     |     | -             | +-           | <del> -</del> | -        | $\vdash \vdash$         | $\dashv$  | $\dashv$ | _  |
| 43 93   44 94   45 95   46 96   47 97   48 98   49 99  | <u> </u>      |     | <del>                                     </del> |  | 1  | ╁            | $\vdash$ | $\vdash$        |            | 1 -          |      | $\vdash$ | +        | +       | +         | Н        | $\vdash$            | +          | 1   |     |     | $\dashv$      | +            | -             | -        | $\vdash$                | -         |          | _  |
| 44 94 144   45 95 145   46 96 146   47 97 147   48 98 148   49 99 149  |               | 43  | $\vdash$   | - -  | t  | $\vdash$     |          | -               | +          | 1            |      | H        | -+       | +       | +         | Н        | $\vdash$            | $\vdash$   | 1   |     | 143 | +             | +            | $\vdash$      | $\vdash$ | $\vdash$                | $\dashv$  | $\dashv$ | $\overline{}$                                    |
| 45 95   46 96   47 97   48 98   49 99  |               | 44  | <del>                                     </del> | - -  | <del>                                     </del> | +-           | -        | $\dashv$        | - -        | 1 -          |      | $\vdash$ | $\dashv$ | +       | +         |          | $\vdash$            | +-         | 1 1 |     |     | +             | +            | H             | H        | $\vdash$                | $\dashv$  | $\dashv$ | _  |
| 46 96   47 97   48 98   49 99  |               |     | $\vdash$   |  | $\vdash$   | $\vdash$     | Н        | $\dashv$        | +          | 1 -          | 95   | $\vdash$ | -+       | +-      | +-        | $\vdash$ | H                   | +-         | 1 } |     | 145 | $\dashv$      | +-           | 1             |          | $\vdash$                | -         | $\dashv$ | $\overline{}$                                    |
| 47 97   48 98   49 99  |               |     | T  | - -  | T  | T            | H        | $\dashv$        |            | 1            | 96   | Н        | $\dashv$ | +       | T         | Н        | $\vdash$            | - -        | 1 1 |     | 146 | -             | +-           | 1             | Н        | $\vdash$                | $\dashv$  | $\dashv$ |  |
| 48   |               |     |  |  | 1  | $\vdash$     | М        | $\Box$          | $\dashv$   | 1            | 97   | П        | 十        | $\top$  | T         | П        | 一十                  | $\neg$     | 1   |     |     | $\top$        | T            | $\vdash$      |          | $\Box$                  | $\dashv$  | $\dashv$ | $\overline{}$                                    |
| 49 99 149  |               | 48  |  |  |  | $\top$       | П        |                 |            |              |      | П        | $\neg$   | $\top$  | $\top$    | П        | $\Box$              |            | 1   |     | 148 | $\neg \vdash$ | $\top$       | T             |          | $\dashv$                | 7         | $\dashv$ | Г  |
|  |               | 49  |  |  |  |              |          |                 |            | 1            | 99   | $\Box$   | $\neg$   |         |           | П        | $\sqcap$            | $\neg$     | 1   |     | 149 |               | $\top$       | Г             |          |                         | $\dashv$  | $\neg$   | Г  |
| 50 100 150   |               | 50  |  |  |  |              |          |                 |            |              | 100  |          |          |         |           |          |                     |            | j † |     | 150 |               | $oxed{oxed}$ |               |          |                         |           |          |  |